

**WESTBAY  
WELL SUMMARY**

page 1 of 2

Location ID: WB-9 Field Representative(s): M. Canavan

Date Started: 02/12/92 Date Completed: 02/26/92

Northing: 217668.87 Easting: 418524.20

Brass Cap: 5001.61 Outer Casing: N/A Inner Casing: 5003.06

Drilling Method: Mud Rotary: 0'-139' Drilling Contractor: Larjon Drilling Co.  
Air Foam Rotary: 139'-380'

Driller: Jim Gower

Total Depth Borehole: 380' Total Depth Well Casing: 375'

Total Depth Surface Casing: 139'

Diameter Well Casing: 2" Diameter Surface Casing: 5"

Water Producing (packed-off) Intervals: 305' to 315'

Water Producing (packed-off) Intervals: 330' to 340'

Water Producing (packed-off) Intervals: 355' to 365'

Water Producing (packed-off) Intervals: - to -

Water Zone Detected: not while drilling Water Level Open Borehole: 299.08'(02/21/92)

Water Level Cased Borehole: 299.06'(02/25/92)

Quik-Foam Use: 1 gallon; 1 gallon EZ mud

Estimated Water Use: 7,500 gallons

Well Casing:

2in x 2ft SCD 80 PVC:	<u>1</u>	=	<u>2</u>	ft
2in x 5ft SCD 80 PVC:	<u>9</u>	=	<u>45</u>	ft
2in x 10ft SCD 80 PVC:	<u>30</u>	=	<u>300</u>	ft
Total SCD 80 PVC pipe:			<u>347</u>	ft

5ft MP packer:	<u>6</u>	=	<u>30</u>	ft
Regular coupling:	<u>35</u>	=	<u>-</u>	ft
Pumping port coupling:	<u>3</u>	=	<u>-</u>	ft
Measurement port coupling:	<u>7</u>	=	<u>-</u>	ft
End cap:	<u>2</u>	=	<u>-</u>	ft
Casing Clamp:	<u>-</u>			

Well Completion:

100# bags 16/40 sand: bags  
100# bags 8/20 sand: bags

94# bags cement: bags

5 gal. buckets bentonite: buckets

50# bentonite powder: 29 bags

Benseal: bags

Surface Casing:

94# bags cement: 25 bags

50# bags bentonite powder 3 bags

Pertinent Field Notes:

02/11/92 Steamclean and mobilize mud rotary equipment to WB-9. - Menzie

02/12/92 Mix mud using 900 gallons water; spud hole. Drill to 0'-126'. Drilling slowed significantly at 126'. - Canavan

02/13/92 No drilling due to rain. Drillers brought out surface casing. - Canavan

02/14/92 Drill 126'-139'. Limestone bedrock encountered at 129'. Drilled 10' into bedrock (very slowly). - Canavan

02/17/92 Holiday

02/18/92 Clean borehole to 139'. Run 139' of 5" surface casing and pressure grout. - Canavan

02/19/92 Drill air-foam 139'-185' with 4" air hammer. - Canavan

02/20/92 Drill air-foam 185'-380' (TD) with 4" air hammer. - Canavan

02/21/92 Blew borehole for 30 minutes with clear water then for 30 minutes with air only. Borehole made  $\approx$  2 gpm. Sounded borehole at 377.08' (GS). Measured water level at 299.08'. - Canavan

02/24/92 Southwest Surveys ran full suite of geophysical logs. - Canavan

02/25/92 Sounded borehole at 377.42' (GS). Installed 375' of Westbay casing. MP system has three sampling zones (305'-315', 330'-340', 355'-365'). Inflated 2 packers (#2, #5). - Canavan

02/26/92 Inflated remaining 4 packers. Secured wellhead. Well installation is complete. Turned well over to Lockheed to run pressure profile. - Canavan